

Abstract of the Disclosure

A multiplex transmission system of tributary signals multiplexes a plurality of tributary signals after adding to them frame information common to all the tributary 5 signals and identification codes different for the individual tributary signals. This makes it possible to solve a problem of a conventional multiplex system of tributary signals in that the transmission rate is limited because it multiplexes a plurality of tributary signals 10 with adding an SOH (section overhead) to generate an STM-N frame to be transmitted and received, which requires a considerable time.